DYNAMO-DISC System DESROZIERS

PATENTED FOR U.S.A.

E. DESROZIERS ENGINEER

74, *RUE CONDORCET*, PARIS.

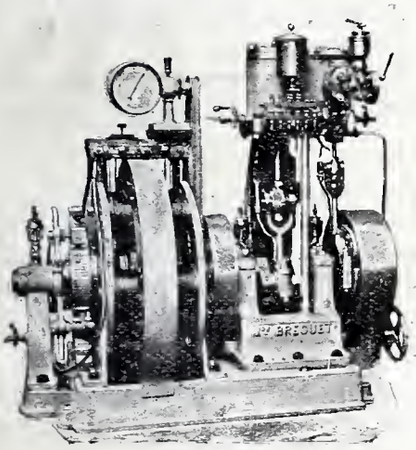
Contractors for FRANCE & Colonies — BREGUET & Cº - Paris.

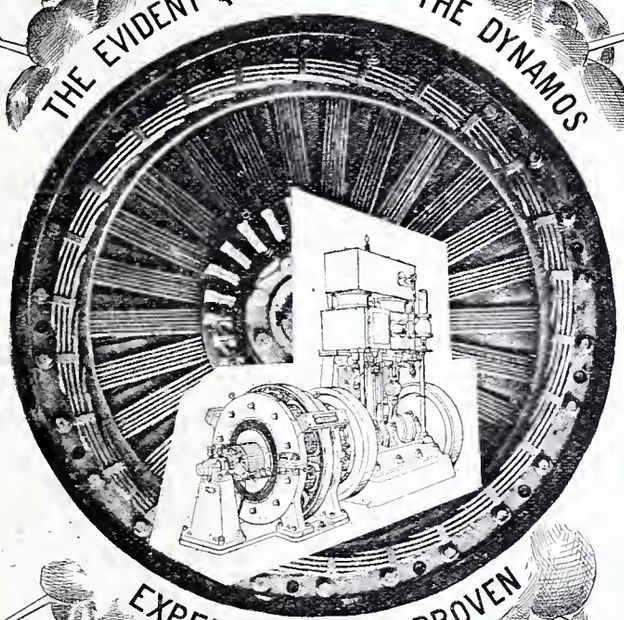
Contractors for Gt BRITAIN & Colonies — THE BRUSH ELECTRICAL Cº Lº - London

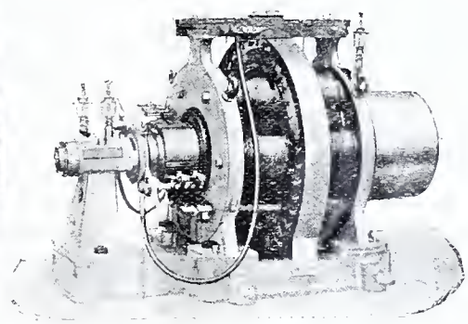
ABOUT **20,000 H.P.** IN USE

ARE THE EVIDENT QUALITIES OF THE DYNAMOS

- LARGE DEBITS
- EXCELLENT VENTILATION
- FEEBLE REACTION OF ARMATURE
- ARMATURE WITHOUT IRON
- FEEBLE SELF INDUCTION
- LIGHTNESS
- LOW SPEEDS







EXPERIENCE HAS PROVEN

- GREAT STENGTH
- DURABILITY
- EASILY WORKED
- GOOD RESULTS
- REPAIRS RARE & EASILY EFFECTED
- ENDURANCE
- FIRST RATE ISOLATION

EASY / ECONOMICAL / SURE } Construction

Construction for { ANY VOLTAGE / ANY DEBIT / ANY USE

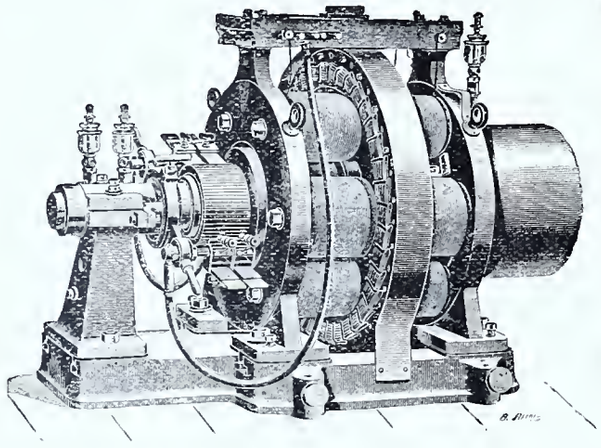
ELECTRIC LIGHTING — TRANSPORT & DISTRIBUTION OF MOTIVE POWER — ELECTROLYSE

DYNAMO - DISC System E. DESROZIERS

74, RUE CONDORCET, PARIS

TYPE T (actioned by belts or cables)

TYPES	WEIGHT IN KILOS	H. P AVAILABLE	REVOLS PER MINUTE	WATTS AVAILABLE	AMPERES AT 110 v	AMPERES AT 70 v
T 380/175	650	22	900	16000	150	225
T 450/175	850	33	800	24000	220	350
T 550/210	1700	45	650	33000	300	475
T 550/260	1800	60	650	44000	400	640
T 650/260	2400	75	500	55000	500	800
T 800/260	4000	95	450	70000	640	1000
T 1000/260	6000	130	350	96000	875	»
T 1200/260	8000	200	325	145000	1350	»
T 1410/260	9000	290	300	210000	1900	»
T 1600/260	15000	500	275	370000	3360	»



LIST OF PRINCIPAL APPLICATIONS

ELECTRICAL CENTRAL STATIONS

(See Besides, 4th Page)

CITIES — Saint-Chamond, Orléansville, Clairac, Rumilly, Saint-Girons, Boulogne-s/mer, Les Andelys, Paris *(Central markets)*, Colon *(Cuba)*, Gijon *(Spain)*, Nantes.

CHEMIN DE FER DU NORD R. R. DEPOTS — La Plaine, Fives-Lille, Lens, Boulogne-s/mer, Coudekerque, Roubaix, Hirson, Laon, Pontoise, Creil, Somain, Douai, Le Bourget, Cambrai, Hénin-Liétard, Tergnier, etc., etc.

SUNDRY INSTALLATIONS

(See Besides, 3rd Page)

MINISTER OF MARINE — Harbours and Ports of Cherbourg, Rochefort, Brest, Toulon.

MINISTER OF WAR — Factories of Chatellerault and Puteaux.

FRENCH STATE — Vaucluse Asylum, Official Journal.

FOREIGN MINISTERS — Minister for War of Russia, Minister for Nl Domaines of Russia, Secretary of the Navy of Spain.

PRIVATE INSTALLATIONS

PARIS — G. Menier, A. Menier, Darblay, Jardin d'acclimatation, Hôtel Continental, Hôtel Saint-James, Imprimerie P. Dupont, Usines de la Belle Jardinière, Ferdinand Dehaître, Gally-Dalloz, Saint Frères, etc., etc.

DEPARTMENTS — Bon A. de Rothschild (Ferrières), Bon G. de Rothschild (Laversine), International Club of Vichy, Clair Leproust, Roy Frères, Sté Le Nickel (Havre), Bocquelet et Co (Amiens), Esgher et Gesquière (Biache), Champion et Co (Reims), Mumm et Co (Reims), G. Goulet et Co (Reims), Forges de l'Horme, Max Richard (Angers), Seydoux et Co (Cateau), Desgenetais Frères (Bolbec), Coppé (Roucherolles), Vosnier (Reims), Saint Frères, Sté Métallurgique de Gorcy (Longwy), Établissement Arbel (Rive-de-Gier), etc., etc.

ABROAD — *Spain :* Cie Métallurgique et minière de l'Horcajo, Sté Métallurgique de Penarroya. — *Cuba :* Sucreries Manuelito, Sucrerie Santa Trinitad, Sucrerie Elizalde, Senor Larendo, Valice. — *Russia :* Manufacture Moussy et Prince Ténicheff, etc, etc.

SUPPLEMENTARY IMPORTANT INSTALLATIONS

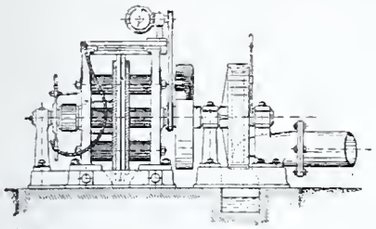
Chandon et Co (Épernay)	210 H. P.
Vve Pommery et Co (Reims)	160 H. P.
Mumm et Co	120 H. P.
Sté des Tramways-Nord (St-Denis)	210 H. P.

TRAMWAYS & ELECTRIC LOCOMOTIVES — CENTRAL STATIONS — PORTS, DOCKYARDS, MINES

DYNAMOS-DISC

System E. DESROZIERS

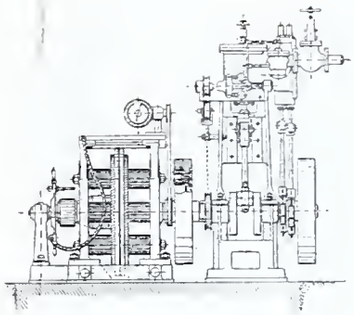
74, rue Condorcet, PARIS



DYNAMO worked by water power.

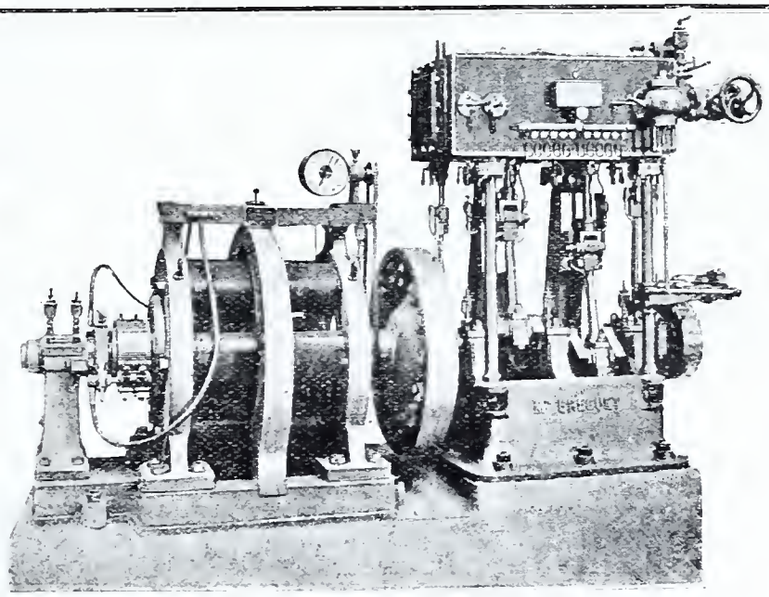
TYPES M

MEDIUM ENGINES DIRECTLY ACTIONED BY MOTORS



STEAM-DYNAMO Monocylindrical

TYPES	H. P. AVAILABLE	REVOLS PER MINUTE	WATTS AVAILABLE	AMPERES AT 110 v	AMPERES AT 70 v
M 450/80	4,75	350	3.500	»	50
M 450/100	8,15	350	6.000	»	85
M 450/175	11,5	350	8.750	80	120
M 550/175	20	350	14.700	135	210
M 550/210	22,8	350	16 800	150	240
M 550/260	28,5	350	21.000	190	300
M 650/260	42,5	350	31.500	285	450



STEAM-DYNAMO COMPOUND

(At 350 Revols, 21000 Watts or 30 H. P.)

INSTALLATIONS ON SHIPBOARD — (See also page 2, Foreign, Ministers & Sundrees)

FRENCH NAVY

- 1st — **IRONCLADS** — Formidable, Amiral Duperré, Requin, Hoche.
- 2nd — **ARMd CRUISERS** — Forbin, Surcouf, Coëtlogon, Dupuy-le-Lome, Isly, Jean-Bart, Turenne, Wattignies.
- 3ty — **TORPEDO-SHIPS** — Archer, Tourbillon, Sarrazin, Dragon, Grenadier, Lancier, Kabyle, Zouave, Turco, Eclair, d'Iberville.
- 4ty — **SUNDRY** — Épervier, Borda, Vautour, Faucon, Fleurus.
- 5ty — **SUBMARINE TORPEDO-BOAT** — Gustave Zédé, 650 H. P.

FRENCH TRANSATLANTIC LINE

S. S. — Saint-Laurent, France, Amérique, Washington, Labrador, Ville d'Oran, Ville de Bône, Canada, Ville de Rome, Maréchal Bugeaud, Ville d'Alger, Touraine, Versailles, Général Chanzy, Navarre, Ville de Barcelone, Ville de Tunis.

FOREIGN NAVIES

Alfonso XII, Alfonso XIII, Conda de Venadito, Filipinas *(Spain)* — Nicolas 1st, 1st rate Ironclad *(Russia)* — Arsenal of Fou-Tcheou *(Chine)*.

FOREIGN S. S. Cies — S. S. Cindade de Santander, Catalina, Antonio Lopez *(Spanish Transatlantic Co)*.

GAS-DYNAMOS

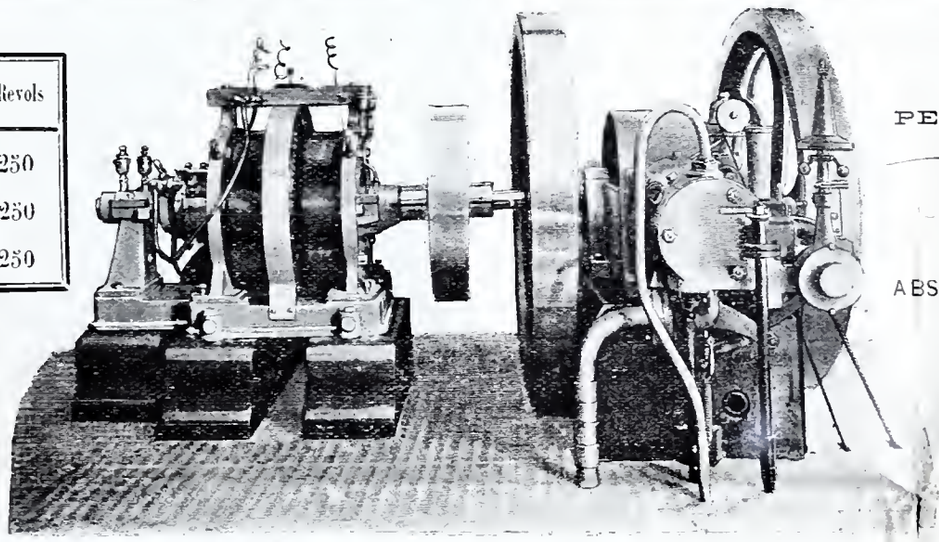
TYPES	H. P. Availables	Amperes at 70 v	Revols
M 450/175	4,5	55	250
M 550/175	6	65	250
M 550/210	11	115	250

List of applications

(VERGRECENT)

PARIS — Mrs A. Menier-Letellier Desroziers, etc.

REIMS — Bazar de Reims, etc.



GAS-DYNAMOS

(At 250 Revols, 3800 Watts or 6 H. P.)

GAS-DYNAMOS

PERFECT SERVICE

These groupe give

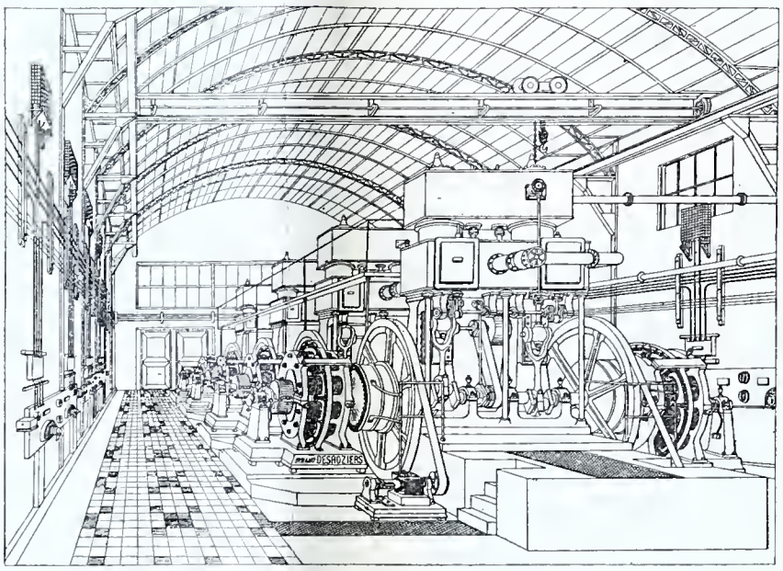
au

ABSOLUTILY FIXED LIGHT

Regular distribution is effected automatically at the Gas motor & at the Dynamo.

No sparks at the brushes

GROUP FOR CENTRAL STATIONS



DYNAMOS DISC

System E. DESROZIERS, Engineer

74, rue Condorcet, PARIS

Patent for U. S. A.

Types M — *Engines for Central Stations actioned directly by motors.*

CENTRAL STATION of boulevard Richard-Lenoir (Société Popp, Paris)

Working to over 2400 volts, for 40,000 lamps.

TYPES	H P AVAILABLE	WATTS AVAILABLE	AMPERES	VOLTS	REVOLS
M $\frac{650}{260}$	42,5	31.500	300	105	350
M $\frac{800}{260}$	60	44.000	400	105	350
M $\frac{1000}{260}$	81,5	60.000	550	110	250
M $\frac{1410}{260}$	136	100.000	250	400	150
	170	124.000	750	165	
M $\frac{1600}{260}$	270	200.000	1200	165	150

List of principal applications

(See page 2, Central stations)

SOCIÉTÉ D'ÉCLAIRAGE ET DE FORCE PAR L'ÉLECTRICITÉ

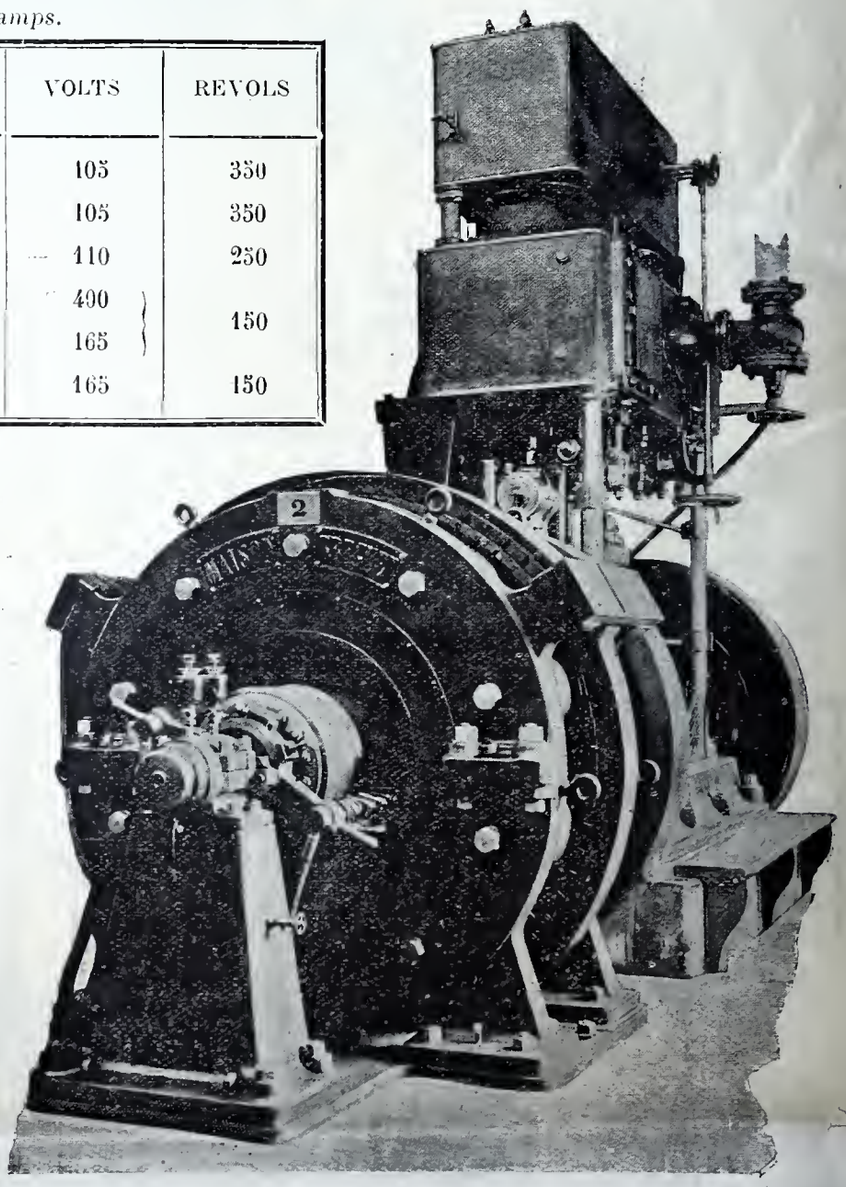
PARIS
- Central Station of rue de Bondy.. 4 Dynamos. M $\frac{1370}{180}$
- Central Station of Filles-Dieu... 4 » M $\frac{1410}{260}$
- Central Station of Nord .... 2 » M $\frac{1410}{260}$
- Central Station of La Villette .... 2 » M $\frac{1410}{260}$

SOCIETÉ PARISIENNE DE L'AIR COMPRIMÉ POPP

PARIS
- Central Station of boul^d Richard-Lenoir. 8 Dyn. M $\frac{1410}{260}$
- Central Station of Bourse du Commerce. 3 » M $\frac{1410}{260}$
- Central Station of Berey..... .... 3 » M $\frac{1410}{260}$

SOCIÉTÉ D'ÉCLAIRAGE ET DE FORCE PAR L'ÉLECTRICITÉ

DEP^TS
- Central Station of Nantes.... 2 Dynamos . M $\frac{1410}{260}$; 1 » M $\frac{1000}{260}$
- Central Station Boulogne-sur-Mer (See page 2), etc.



STEAM-DYNAMO

100.000 Watts or 150 H. P. at 160 Revols.

Lille. Imp. Lefebvre-Ducrocq